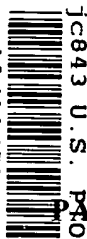


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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE



22186

PATENT TRADEMARK OFFICE

JC879 U.S. PRO  
10/017883  
12/13/01

## PATENT APPLICATION

APPLICANT: Robert K. Chen  
John C. Gammel  
Dewayne A. Spires

CASE: Chen 10-13-24

TITLE: Frequency-Dependent Impedance Synthesis for DSL Interface Circuits

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

1. Transmittal Letter (1 page & 2 copies);
2. Declaration and Power of Attorney (4 pages);
3. Assignment Recordation Form Cover Sheet (orig. & 1 copy);
4. Assignment (2 pages); and
5. Patent Application with Informal Drawings (1 Cover Page; 8 Pages of Specification; 3 Pages of Claims; 1 Page of Abstract; 6 Sheet(s) of Drawings).

| CLAIMS AS FILED                            |           |           |            |              |
|--|-----------|-----------|------------|--------------|
|  | NO. FILED | NO. EXTRA | RATE       | CALCULATIONS |
| Total Claims                               | 18 - 20=  | 0         | x \$18 =   | \$           |
| Independent Claims                         | 2 - 3=    | 0         | x \$84 =   | \$           |
| Multiple Dependent Claim(s), if applicable |           |           | \$280 =    | \$           |
| Basic Fee                                  |           |           |            | \$740        |
|  |           |           | TOTAL FEE: | \$740        |

Please file the application and charge **Agere Systems Deposit Account No. 50-1735** the amount of \$740.00, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-1735** as required to correct the error.

The Assistant Commissioner for Patents is hereby authorized to treat any concurrent or future reply, requiring a petition for extension of time under 37 CFR § 1.136 for its timely submission, as incorporating a petition for extension of time for the appropriate length of time if not submitted with the reply.

Please address all correspondence to **Steve Mendelsohn, Mendelsohn & Associates, P.C., 1515 Market Street, Suite 715, Philadelphia, Pennsylvania 19102**. Telephone calls should be made to me at Area Code (215) 557-6657.

Respectfully submitted,

Date: 12/13/01  
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